

ABSTRACT

A ventilated vehicle seat includes a bag formed from impermeable materials enclosing a spacer material. The latter preferably includes upper and lower netting sheets and fibers extending between the netting sheets, the fibers being sufficiently resilient to prevent total collapse of the spacer material when the seat is occupied. An air mover that forces air into or draws air from the bag may be coupled to the air space between the air impermeable layers of the bag. Groups of holes are provided in the top of the bag, and the total cross-sectional areas of the groups of holes are preferably selected to equalize air flow over the seating surface, rather than having all the air flow through the holes nearest the fan. An optional, porous heating layer may be located above the bag.